Ethylene Oxide Sterilizer LX700EOS

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Description

Ethylene Oxide Sterilizer LX700EOS is a constant temperature heating box type sterilizer vertical cabinet with manual door opening with 80 L of capacity. The inner chamber material is made of 304 anti-corrosion type stainless steel, and the outer chamber material is of carbon steel (thickness 1.8 mm) baked with plastic powder. Came with built-in temperature; humidity; and pressure sensors with an automatic control system ensure stability, efficiency and quality. Digital LCD screen shows temperature, humidity, pressure, sterilization time, residual treatment time, and the number of times. Equipped with the printer that can print all of the information needed for the sterilizing procedure including documentation and verification.

Specifications

Type	Vertical constant temperature heating box type
Door opening	Manual
Capacity	80 L
Sterilization temperature	50℃ ± 3℃
Work pressure	-60 kPa
Maximum pressure	-140 kPa
Humidity (sterilization)	45% to 75%
Sterilizing gas	Ethylene oxide; 1g/L
Sterilization time	0 to 99 hrs; adjustable
Vacuum speed	-60 kPa in 15 mins
Ventilation	Automatic
Ventilation cycle	3 times; 30 mins interval once
Control system	Automatic; one-button
Display	Digital LCD display
Printer	Yes
Humidity sensor	Yes; cavity humidity: >45% RH
Pressure sensor	Yes
Temperature sensor	Yes; cavity temperature: 50℃ ± 3℃ (within precise range)

Vacuum system	Oil free vacuum pump
Heating system	Electric; explosion-proof electric heating device
Alarm system	High/low temperature
Protection features	Over-voltage, over-temperature protection, residual air automatic processing system
Sterilization room material	304 anti-corrosion type stainless steel
Outer box material	Carbon steel (thickness 1.8mm) baked plastic powder
Wear parts	Seal
Caster	Yes
Power	1.5 kW
Chamber dimensions (W x D x H)	600 x 320 x 450 mm
Dimensions (W x D x H)	780 x 620 x 1100 mm
Weight	176 kg
Packing dimensions	910 x 740 x 1180 mm

Features

- It has an electric heating method
- LCD digital display with automatic control system and printer
- Built-in sensor: humidity; pressure and temperature for precise and effective control
- Explosion-proof electric heating device for convenience
- Air replacement through automatic ventilation, 3×cycle ventilation with 30-minute intervals once
- Incorporated with casters for easy movements
- High and low-temperature sensitivity alarm system

Applications

- It is used to sterilize catheters, resuscitation bags, anesthesia masks, most fiber-optic instruments, glassware, solution medium, assembled complex devices, Custom procedure packs, equipment with integrated electronics, multi-lumen tubing products, stents, wound care dressings, etc. across the field of pharmaceutical industries, metal & glass industries, hospitals, laboratories and research institutes, etc.

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